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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/199,776	11/25/1998	SANG-HAE LEE	P55394	4064

7590                    09/09/2002

ROBERT E BUSHNELL  
1522 "K" STREET NW  
SUITE 300  
WASHINGTON, DC 200051202

EXAMINER

ZAMANI, ALI A

ART UNIT	PAPER NUMBER
2674	

DATE MAILED: 09/09/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

HO

<b>Office Action Summary</b>	Application No.	Applicant(s)	
	09/199,776	LEE, SANG-HAE	
	Examiner	Art Unit	
	Ali A. Zamani	2674	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 18 March 2002.
- 2a) This action is FINAL.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 2,6-9 and 21-50 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 2,6-9 and 21-50 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) The proposed drawing correction filed on \_\_\_\_\_ is: a) approved b) disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) The oath or declaration is objected to by the Examiner.

#### Priority under 35 U.S.C. §§ 119 and 120

- 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some \* c) None of:
1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a)  The translation of the foreign language provisional application has been received.
- 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

#### Attachment(s)

- |  |  |
|--|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                    | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____ . |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)           | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ . | 6) <input type="checkbox"/> Other: _____                                     |

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## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 2, 6-9, 21-50 are rejected under 35 U.S.C. 102(b) as being anticipated by Parks et al. (US Pat. No. 5,483,260).

2. In regard to claims 2, 6-9, 21-50, Parks et al. teach a method, comprising: connecting a video display unit to a computer system unit which provides bi-directional communication which enables the video monitor to inform the system unit of its capabilities without direct user involvement and also enables the system unit to directly control or adjust all the functions of the video monitor and control software is included in the system unit which can be used to control or adjust the output of the video monitor (see the abstract), the method for simplified video monitor control in a computer system comprising a system unit including a CPU (222), memory storing monitor control software, and a communication port, the computer system also including a video monitor coupled to display unit and input device coupled to the system unit, wherein the video monitor includes logic for controlling the visual output of the video monitor, receiving monitor control input data from a user, storing the monitor control input data in the memory in the system unit selecting a first data path between the communication port and the video monitor, wherein the communication port includes first data path between the communication

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port and video monitor and a second data path between the communication port and a peripheral device and the system unit providing the monitor control input data to the video monitor using first data path between the communication port and the video monitor, and the video monitor adjusting its visual output according to said monitor control data (see Figs. 2-5). When a user desires to adjust the output of the video monitor, the monitor control software directs the multiplexers to provide a communication path between the system unit and video monitor (selects either first data path between port and peripheral device or second data path between port and video monitor) and the monitor control software also generates a user interface on the video monitor that enables a user to easily adjust the operation of the monitor and a non-volatile memory also coupled to communication port which receives and stores video capability information and video monitor transmits said video monitor capability information through said communication port to CPU (222) (see Fig. 4) without direct user involvement and during power-on of the computer system. Also, at each power-on of the computer system which corresponds to a polling operation, the data path between the keyboard controller and video monitor is selected to enable the video monitor to provide capability information to system unit such as resolution, interface method, and refresh frequency. Thus, this information is automatically provided to the system unit without direct user involvement (see col. 5, lines 20-39) which all function as claimed.

### *Conclusion*

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The following prior art teaches a type of connection between a video display unit and a computer

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US Patent No. 5,488,384, US Patent No. 5,506,602, US Pat. No. 4,760,387 and 6,320,576 B1.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ali Zamani whose telephone number is (703) 308-6414. The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 5:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard A. Hjerepe, can be reached on (703) 305-4709.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, DC 20231

**or faxed to:**

**(703) 872-9314 (for Technology Center 2600 only)**

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Ali Zamani

September 4, 2002



RICHARD HJERPE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600